



Faculty of Social Sciences

## **SGEL51, Urban Analysis with Methodological Applications, 15 credits**

*Urban analys med metoddillämpningar, 15 högskolepoäng*  
**First Cycle / Grundnivå**

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### **Details of approval**

The syllabus was approved by the board of the Department of Human Geography on 2018-09-04 to be valid from 2018-09-14, spring semester 2019.

### **General Information**

The course is a compulsory component of the Bachelor of Science programme in Urban and Regional Planning, 180 credits.

*Language of instruction:* Swedish

Some components may be in other Scandinavian languages and English

*Main field of studies*

Sociology

Human Geography

*Depth of study relative to the degree requirements*

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

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### **Learning outcomes**

Upon the completion of the course, the students shall

#### **Knowledge and understanding**

- demonstrate knowledge of quantitative methods, qualitative methods and GIS (Geographic Information Systems) in the fields of sociology and human geography,

#### **Competence and skills**

- demonstrate the ability to link concepts, theories and perspectives in sociology and human geography to relevant methodological applications,
- demonstrate skills to apply the methods presented in the course in a research project,
- demonstrate the ability to collect and analyse data,
- demonstrate the ability to work in a group project,
- demonstrate the ability to reflect critically on current planning problems and on ways to investigate potential improvements,
- demonstrate the ability to explore approaches to designing a research project,
- demonstrate the ability to critically review academic, policy and popular texts related to the contents of the course,
- demonstrate the ability to communicate the contents of the course in both speech and writing,

### **Judgement and approach**

- demonstrate the ability to select, motivate and use different methods introduced in the course, and to adopt a reflective approach to planning processes.

### **Course content**

The course covers research methods commonly used in sociology and human geography, focusing in particular on those that are relevant for urban and regional planning, including quantitative methods (such as descriptive statistics and correlations), qualitative methods (such as interviews and document analysis), and GIS (Geographic Information Systems). In addition to learning how to collect, analyze and present data using these methods, the student will work on an applied research project in groups. In the project the student practice skills in linking theories, methods and analysis of data in relation to a current planning problem.

### **Course design**

The teaching consists of lectures, laboratory sessions, seminars, and supervision. The lectures introduce different course components and place them in a wider context, linking them together and facilitating literature studies. Seminars and supervision are linked to the course project.

Unless there are valid reasons to the contrary, compulsory participation is required in laboratory exercises and seminars. Students who have been unable to participate due to circumstances such as accidents or sudden illness will be offered the opportunity to compensate for or re-take compulsory components. This also applies to students who have been absent because of duties as an elected student representative.

### **Assessment**

The course is assessed through written and oral exams. The student attainment of the learning outcomes is assessed through seminar assignments, project work in groups and two individual written take-home exams.

The course includes opportunities for assessment at a first examination, a re-sit close to the first examination and a second re-sit for courses that have ended during that

school year. Two further re-examinations on the same course content are offered within a year of the end of the course. After this, further re-examination opportunities are offered but in accordance with the current course syllabus.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## **Grades**

Marking scale: Fail, E, D, C, B, A.

The grade for a non-passing result is Fail. The student's performance is assessed with reference to the learning outcomes of the course. For the grade of E the student must show acceptable results. For the grade of D the student must show satisfactory results. For the grade of C the student must show good results. For the grade of B the student must show very good results. For the grade of A the student must show excellent results. For the grade of Fail the student must have shown unacceptable results.

The seminar assignments are exempted from the grading scale above. The grade awarded for this component is Pass or Fail. For the grade Pass, the student must show acceptable results. For the grade of Fail, the student must have shown unacceptable results.

The calculation of the grade on the whole course is based on the student's result on the group project (50% of the final grade) and the individual take-home exams (the first worth 10% and the second worth 40% of the final grade). The conversion of the grades on the course components to a grade on the whole course is based on a mathematical formula in which the letter grades are translated into the following figures: A=5.0; B=4.0; C=3.5; D=3.0 and E=2.5. The weighted average for the assessed components is then calculated. Figures are rounded down, with the exception of the grade of A for which the figure of 4.5 and over is rounded up to A (see the board decision of 24 September 2012).

At the start of the course, students are informed about the learning outcomes stated in the syllabus and about the grading scale and how it is applied on the course.

## **Entry requirements**

To be admitted to the course, students must have at least 60 credits from the Bachelor of Science programme in Urban and Regional Planning, of which at least 45 credits from the first year.

## **Further information**

The course may not be included in a degree together with SGEL08: Social Geography and Specialisation in Sociology: Urban Sociology with Method Applications (15 credits), SGEL27: Social Geography and Specialisation in Sociology: Urban Sociology with Method Applications (15 credits), SGEL47: Social Geography and Specialisation in Sociology: Urban Sociology with Method Applications (15 credits) or SGEL67 Urban Analysis with Methodological Applications (15 credits).

## Subcourses in SGEL51, Urban Analysis with Methodological Applications

Applies from H19

1903 Urban Analysis with Methodological Applications, 15,0 hp  
Grading scale: Fail, E, D, C, B, A

Applies from V19

1901 Individual work, 7,5 hp  
Grading scale: Fail, E, D, C, B, A

1902 Group work, 7,5 hp  
Grading scale: Fail, E, D, C, B, A